

# Thermal Materials Drive Professional Apparel Line



***Johnson Space Center***

***Ministry of Supply  
Boston, Massachusetts***

## **NASA Technology**

- ◆ Students at the Massachusetts Institute of Technology (MIT) dreamed of professional apparel designs incorporating elements from active wear
- ◆ Working on spacesuit designs for human travel to Mars, a student came upon phase change materials (PCMs), a technology developed with NASA

## **Partnership**

- ◆ The MIT students joined forces to create a company called Ministry of Supply (MOS)
- ◆ MOS set about to develop a professional dress shirt for men that felt and acted like active apparel
- ◆ MOS created a unique synthetic fabric that incorporated NASA-derived PCMs, could wick away moisture, and control odors and bacterial growth



## **Benefits**

- ◆ Available in white and oxford blue, the Apollo shirt is a machine-wash only garment that will not wrinkle or absorb stains from perspiration
- ◆ The Apollo and other MOS products are currently available on the MOS website
- ◆ Since its launch, MOS has sold 12,500 tops and bottoms combined